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*NIST Special Publication 803*

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*Abstract and Index Collection in the  
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Diane Cunningham

Information Resources and Services Division  
National Institute of Standards and Technology  
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## PREFACE

This publication lists the major abstracts and indexes available in the collection of the Research Information Center (RIC) of the National Institute of Standards and Technology (NIST). It supersedes and revises NBS Special Publication 751, which is dated August 1988. Entries in the main index, which are arranged alphabetically, include the current title of the abstract or index, RIC's holdings, major sources used to compile information, publisher or publishing association, corresponding RIC online database, RIC call number, and collection/area designation.

Unless otherwise designated, abstracts and indexes are located in the "Abstracts" section on the first floor of the RIC. Other areas and locations which include selected abstracts and indexes are designated by the following:

BIOG = located in the Biography section  
IGA = located in the Intergovernmental Affairs Collection  
M = located in the Microform Collection  
NIST = located in the NIST Reports Collection  
NCC = located in the Noncurrent Collection  
REF = located in Extended Reference area, check at reference desk for location

In addition to being listed by current title, abstracts and indexes are grouped in a general subject index. They are also listed by their former titles and by their database names.

I wish to thank Karen Jones for her able assistance and diligence in preparing this publication.

Diane Cunningham  
Research Information Services



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**ABSTRACT AND INDEX COLLECTION IN THE RESEARCH INFORMATION CENTER  
OF THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY**

<b>ABSTRACT/INDEX HOLDINGS</b>	<b>DESCRIPTION/SOURCES</b>	<b>PUBLISHER/ASSOCIATION DATA BASE</b>	<b>CALL NUMBER</b>
ACM GUIDE TO COMPUTING LITERATURE  1974-	Index to the literature of computing and related disciplines  Journals, Books, Proceedings, Reports, Theses	Association for Computing Machinery (ACM)  MATHSCI	QA 76 .C62
ABSTRACT BULLETIN OF THE INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY  v. 1, 1930/31-	Current literature on the principles and technologies of pulp, paper and board manufacturing  Journals, Patents	Institute of Paper Science and Technology  PAPERCHEM	Z 7914 .P2A6
ABSTRACT JOURNAL IN EARTHQUAKE ENGINEERING  v. 1, 1971-	Comprehensive literature in earthquake hazard mitigation  Journals	Earthquake Engineering Research Center  -	TA 658.44 .A25
AMERICAN CONCRETE INSTITUTE 55-YEAR INDEX  1905-1959	Index to the proceedings and journal of the American Concrete Institute  Proceedings, Journals	American Concrete Institute  -	TA 681 .A5
AMERICAN STATISTICS INDEX: INDEXES/ABSTRACTS  1974-1984	Index and abstracts to statistical publications of the U.S. government  Journals, Reports	Congressional Information Service (CIS)  ASI	HA 195 .A52
ANALYTICAL ABSTRACTS  v. 1, 1954-	International literature dealing with all branches of analytical chemistry  Journals	The Royal Society of Chemistry (U.K.)  ANALYTICAL ABSTRACTS	QD 71 .A49
APPLIED MECHANICS REVIEWS  v. 1, 1948-v. 40, 1987	International literature in engineering sciences  Journals, Books	American Society of Mechanical Engineers (ASME)  -	TA 1 .A63953

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
APPLIED SCIENCE AND TECHNOLOGY INDEX	Cumulative subject index to English language journals in the fields of aeronautics and space science, computer technology, chemistry, construction, energy resources, electricity and electronics, engineering, industrial and mechanical arts, etc.	H. W. Wilson Co.	Z 7913 .I7
v. 1, 1913-	Journals	-	
ASTRONOMY AND ASTROPHYSICS ABSTRACTS	Worldwide astronomical publications	Astronomisches Rechen-Institut/ (Germany)/Springer Verlag	QB 1 .A862
v. 1, 1969-	Journals	-	
ATOMIC ABSORPTION AND EMISSION SPECTROMETRY ABSTRACTS	Worldwide documentation of all aspects of atomic absorption and emission spectrometry	PRM Science and Technology Agency Ltd. (U.K.)	QD 95 .A7
v. 1, 1969-v. 17, 1985	Journals, Proceedings, Unpublished Reports	-	
AUSTRALIAN SCIENCE INDEX	Scientific and technical literature published in Australian journals	Commonwealth Scientific and Industrial Research Organization (CSIRO) (Australia)	M
v. 22, 1978-v. 27, 1983	Journals	-	
BNF NON-FERROUS METALS ABSTRACTS (British Non-Ferrous Metals Resource Assoc.)	Published information on non-ferrous metallurgy and technology	The BNF Metals Technology Centre (U.K.)	TA 459 .B71
1970-1983	Journals, Patents, Books	NON-FERROUS METALS ABSTRACTS	
BIOGRAPHY INDEX	Cumulative index to biographical material	H. W. Wilson Co.	Z 5301 .B5 BIOG
v. 1, 1949-v. 41, 1987	Books, Periodicals	-	
BIOTECHNOLOGY RESEARCH ABSTRACTS	Literature concerning all aspects of biotechnology	Cambridge Scientific Abstracts	TP 248.2 .B582
v. 3, 1986-	Journals	BIOTECHNOLOGY RESEARCH ABSTRACTS	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
BRITISH CERAMIC ABSTRACTS 1978-1988	International literature of ceramics Patents, Journals	British Ceramic Research Ltd. -	TP 785 .B58
BUILDING SCIENCE ABSTRACTS v. 1, 1925-v. 49, 1976	Literature of materials, design and building research Journals, Reports	Her Majesty's Stationery Office -	TH 1 .G7
BUSINESS PERIODICALS INDEX v. 1, 1958-	Index to journals in the fields of accounting, advertising, banking and finance, business, insurance, labor and management, taxation, personnel administration, etc. Journals	H. W. Wilson Co. -	HF 5001 .B8
CA REVIEWS INDEX (CARI) v. 86, 1977-v. 97, 1982	A key word in context (KWIC) index to all reviews that appear in CHEMICAL ABSTRACTS Journals	Royal Society of Chemistry -	QD 1 .A5124 (Shelved with CHEMICAL ABSTRACTS)
CIS INDEX/ANNUAL 1970-	Index to congressional publications Hearings, Public Laws, Reports, Bills	Congressional Information Service (CIS) CIS	KF 49 .C621 IGA
CSIRO ABSTRACTS (Commonwealth Scientific and Industrial Research Organization) v. 1, 1952-v. 22, 1974	Abstracts of CSIRO published papers and translations Journals, Reports, Proceedings	CSIRO Central Information (Australia) -	Q 4 .A9
CSIRO INDEX 1975-1986	Index of CSIRO published papers and translations Journals, Translations, Reports	CSIRO Central Information (Australia) -	Q 179.9 .A9 (M-Later years only)
CERAMIC ABSTRACTS v. 1, 1922-	International literature of ceramics Journals, Patents, Books	American Ceramic Society AMERICAN CERAMIC ABSTRACTS	TP 785 .A64

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
CHEMICAL ABSTRACTS  v. 1, 1907-	Comprehensive worldwide literature of chemistry, including biochemistry and chemical engineering  Journals, Patents, Books, Reviews	American Chemical Society  CHEMICAL ABSTRACTS	QD 1 .A51 (Located after unbound journals in back of RIC)
CHINA SCIENCE AND TECHNOLOGY ABSTRACTS Series I: Mathematics, Astronomy, Physics  v. 2, 1981-v. 8, 1987	English abstracts of scientific and technical periodicals in China  Periodicals	International Information Service, Ltd. (Hong Kong)  -	Q 1 .C45
CHINA SCIENCE AND TECHNOLOGY ABSTRACTS Series II: Chemistry, Earth Science, Energy Sources  v. 6, 1985-v. 8, 1987	English abstracts to scientific and technical periodicals in China  Periodicals, Proceedings	International Information Service, Ltd. (Hong Kong)  -	Q 1 .C455
CHINA SCIENCE AND TECHNOLOGY ABSTRACTS Series III: Industrial Technology  v. 2, 1981; v. 5, 1984-v. 8, 1987	Comprehensive index to articles in Chinese scientific and technical publications  Periodicals	International Information Service, Ltd. (Hong Kong)  -	Q 1 .C46
CHINESE SCIENCE ABSTRACTS Part A: Mathematics, Mechanics, Astronomy and Space, Physics, Technical Sciences  1982-1989	Abstracts of important scientific articles from the Chinese literature  Periodicals, Proceedings	Science Press (Beijing)  -	Q 1 .C42
CHINESE SCIENCE ABSTRACTS Part B: Chemistry, Life Sciences, Earth Sciences  1982-1989	Abstracts of important scientific articles from the Chinese literature  Periodicals, Proceedings	Science Press (Beijing)  -	Q 1 .C44
CIVIL ENGINEERING HYDRAULICS ABSTRACTS  v. 3, 1970-v. 20, 1987	Worldwide literature of applied fluid mechanics  Journals, Reports, Proceedings	BHRA (The British Hydro-mechanics Research Association)  FLUIDEX	TC 1 .C15
COMPUTER ABSTRACTS  v. 4, 1960-	International literature on computer applications  Journals, Reports, Patents, Books	Technical Information Co. Ltd. (U.K.)  -	QA 76 .C549

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
COMPUTER AND CONTROL ABSTRACTS (Science Abstracts Series C)	Worldwide coverage of the literature of all aspects of computers and control	INSPEC, Institution of Electrical Engineers (U.K.)/Institute of Electrical and Electronics Engineers, Inc.	TJ 212 .C61
v. 1, 1966-	Journals, Reports, Books, Dissertations, Patents, Proceedings	INSPEC	
COMPUTER LITERATURE INDEX	Literature in computer science, not including the more esoteric and academic literature	Applied Computer Research, Inc.	QA 76 .C565
v. 14, 1984-	Journals	-	
COMPUTING REVIEWS	Critical reviews of the current publications in any area of the computing sciences	Association for Computing Machinery (ACM)	QA 76 .C6
v. 1, 1960-v. 22, 1981; v. 25, 1984-	Books, Journals, Proceedings	-	
CONCRETE ABSTRACTS	International literature of developments in concrete and concrete technology	American Concrete Institute	TA 439 .C56
v. 3, 1974-	Journals, Reports, Books	-	
CONSUMERS INDEX TO PRODUCT EVALUATIONS AND INFORMATION SOURCES	Index to product evaluations and general consumer information	Pierian Press	TS 156.25 .C65
v. 4, 1976-v. 17, 1989	Journals	-	
CORROSION ABSTRACTS	Worldwide corrosion control literature	National Association of Corrosion Engineers (NACE)	TA 462 .C652
v. 1, 1962-	Journals, Proceedings, Reports	-	
CORROSION CONTROL ABSTRACTS	Translation of Russian journal on corrosion and protection against corrosion	Scientific Information Consultants Ltd. (U.K.)	TA 462 .C654
1969-	Journals, Patents	-	
CUMULATIVE INDEX TO ASCE PUBLICATIONS	Index to the publications of the American Society of Civil Engineers	American Society of Civil Engineers	TA 1 .A58A5
1961-1974	Journals, Proceedings	-	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
CURRENT INDEX OF COMPUTER LITERATURE v. 1, 1985	Listing of the table of contents of computer journals Journals	Information Research Institute, Inc. -	QA 76 .C78
CURRENT INDEX TO STATISTICS; APPLICATIONS, METHODS AND THEORY v. 1, 1975-	Comprehensive coverage of statistics, its applications, methods, and theory Journals	American Statistical Association and Institute of Mathematical Statistics MATHSCI	HA 1 .C9
CURRENT PHYSICS INDEX v. 1, 1975-	International literature concerning all aspects of physics research and index to CURRENT PHYSICS MICROFORM Journals	American Institute of Physics (AIP) SPIN	QC 1 .C786
CURRENT TECHNOLOGY INDEX v. 3, 1964-	Subject guide to the literature in British technical journals Journals	Bowker-Saur Ltd. CURRENT TECHNOLOGY INDEX	T 1 .C8
DIRECTORY OF PUBLISHED PROCEEDINGS v. 1, 1964-	Bibliography citing published proceedings Proceedings	InterDok Corp. -	Z 7409 .D56 REF
DISSERTATION ABSTRACTS INTERNATIONAL 1862-	Abstracts of international doctoral dissertations from participating universities; masters dissertations for later years Dissertations	University Microfilms International DISSERTATION ABSTRACTS ONLINE	Z 5053 .D5 (M-Scattered years)
EI ENGINEERING CONFERENCE INDEX 1983-1984	International engineering conference literature Proceedings	Engineering Information, Inc. COMPENDEX	Z 5851 .E6
ELECTRICAL AND ELECTRONICS ABSTRACTS (Science Abstract Series B) v. 1, 1898-	International literature covering all aspects of electrical and electronics engineering Journals, Reports, Books, Dissertations, Patents, Proceedings	INSPEC, Institution of Electrical Engineers (U.K.)/Institute of Electrical and Electronics Engineers, Inc. INSPEC	Q 1 .S331

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
ELECTROANALYTICAL ABSTRACTS	International journal dealing with the documentation of all aspects of fundamental, physico-chemical and analytical electro-chemistry	Birkhäuser Verlag (Switzerland)	QD 551 .J62
v. 1, 1963-v. 23, 1985	Journals, Reviews, Books	-	
ELECTRONIC INSTRUMENTATION	Worldwide publications in measurement science and instrumentation	The Institution of Electrical Engineers/Institute of Electrical and Electronics Engineers, Inc.	TK 7870 .E38
no. 1, 1976-1989	Journals	-	
ELECTRONICS AND COMMUNICATIONS ABSTRACTS	Worldwide publications in electronics and communications	Multi-Science Pub. Co. Ltd. (U.K.)	TK 5101 .A1E48
v. 1, 1961-	Journals, Proceedings, Unpublished Reports	-	
ENERGY RESEARCH ABSTRACTS	Dept. of Energy and U.S. government-sponsored research on all aspects of energy	U.S. Dept. of Energy, Office of Scientific and Technical Information	TJ 163.2 .U54
1975-1987	Journals, Reports	DOE ENERGY	
ENGINEERING DATA BANK ABSTRACTS OF REPORTS	Engineering evaluation and qualification test reports, non-standard parts justification data, parts/materials specifications, manufacturing processes, etc.	Government Industry Data Exchange Program (GIDEP)	TS 170 .E522
1977-	Reports, Technical Data	GIDEP	
ENGINEERING INDEX	Transdisciplinary index to the world's engineering literature	Engineering Information, Inc.	Z 5851 .E62
v. 1, 1884-	Journals, Conference Papers	COMPENDEX	
ERGONOMICS ABSTRACTS	International literature on human factors in man-machine systems and physical environmental influences	Taylor and Francis	TA 166 .E7132
v. 6, 1974-v. 19, 1987	Journals, Proceedings, Reports, Book Reviews	-	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
FAILURE EXPERIENCE DATA BANK SUMMARY	Data on failure information generated whenever significant problems are identified on parts, materials or safety	Government Industry Data Exchange Program (GIDEP)	TS 173 .F3
1978-	Reports, Technical Data	GIDEP	
FIVE-YEAR INDEX TO ASTM TECHNICAL PAPERS AND REPORTS	Index to the publications of the American Society For Testing and Materials	American Society For Testing and Materials (ASTM)	TA 401 .A525
1898-1970; 1976-1980	Journals, Special Technical Publications	-	
FOREIGN TECHNOLOGY	Listing of current technical foreign reports available from the National Technical Information Service	National Technical Information Service (NTIS)	T 1 .F5
1984-	Reports	NTIS	
GAS ABSTRACTS	Selected literature on natural and manufactured gas and petroleum production	Institute of Gas Technology	TP 700 .G13
v. 1, 1945- v. 38, 1982	Journals, Patents, Proceedings	-	
GAS CHROMATOGRAPHY LITERATURE, ABSTRACTS AND INDEXES	International literature on gas chromatography	Preston Publications	QD 1 .A1G3
v. 2, 1969-	Journals, Conference Papers	-	
GOVERNMENT REPORTS ANNOUNCEMENTS AND INDEX	Listing of government and government-sponsored research and development reports	National Technical Information Service (NTIS)	Z 7916 .B47
v. 1, 1946-	Reports, Journals, Proceedings	NTIS	
INDEX OF MATHEMATICAL PAPERS	An author and subject index of all papers and books reviewed in MATHEMATICAL REVIEWS	American Mathematical Society	QA 1 .M762
v. 1, 1970-v. 9, 1979	Journals, Books	MATHSCI	
INDEX TO SCIENTIFIC AND TECHNICAL PROCEEDINGS	Multidisciplinary listing of published proceedings	Institute for Scientific Information (ISI)	Q 101 .I5
1978-	Proceedings	ISTP	REF

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
INDEX TO SCIENTIFIC BOOK CONTENTS 1986-1987	Index to the chapters in scientific books  Books	Institute for Scientific Information (ISI)  -	Z 7401 .I45
INDEX TO SCIENTIFIC REVIEWS  v. 1, 1975-1987	International interdisciplinary index to the review literature of science, medicine, agricultural sciences, technology and the behavioral sciences  Journals	Institute for Scientific Information (ISI)  -	Z 7401 .I5
INDEX TO STATISTICS AND PROBABILITY  1973-1975	International literature of statistics and probability  Journals	R & D Press  MATHSCI	Z 6654 .M33T84
INFORMATION SCIENCE ABSTRACTS  v. 1, 1966-	International literature in the fields of information science, documentation and related areas  Books, Journals, Conference Proceedings, Reports, Patents	IFI/Plenum Data Corp.  INFORMATION SCIENCE ABSTRACTS	Z 699 .A1I5
INIS ATOMINDEX (International Nuclear Information System)  v. 6, 1975-	International literature of nuclear science relating to its peaceful applications  Reports, Journals, Theses, Proceedings	International Atomic Energy Agency (Austria)  -	QC 770 .I2
INTERNATIONAL ABSTRACTS IN OPERATIONS RESEARCH  v. 1, 1961-	Worldwide literature in operations research  Journals	Elsevier Science Pub. B.V.  -	T 58 .A215
INTERNATIONAL AEROSPACE ABSTRACTS  v. 1, 1961-v. 26, 1986	Comprehensive international literature of aerospace science and technology  Journals, Books, Proceedings, Translations	American Institute of Aeronautics and Astronautics, Inc.  AEROSPACE DATABASE	TL 501 .I53
INTERNATIONAL PETROLEUM ABSTRACTS  v. 1, 1973-	Worldwide coverage of petroleum and allied literature concerning oil field exploration and development, petroleum refining and products, and economics  Journals	John Wiley and Sons Ltd.  -	TN 860 .I53

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
JAPAN BIOSCIENCES	Summaries of current Japanese research information on biochemistry, drugs, molecular and cell biology, bioengineering, food processing, etc.	University Microfilms, Inc.	QH 301 .J36
v. 1, 1988	Journals	-	
JAPAN CHEMISTRY	Summaries of current Japanese research information on crystals, kinetics, polymers, chemical engineering, etc.	University Microfilms, Inc.	QD 1 .J36
v. 1, 1988	Journals	-	
JAPAN COMPUTERS	Summaries of current Japanese research information on CAD/CAM, robots, artificial intelligence, software engineering, etc.	University Microfilms, Inc.	QA 76.5 .J36
v. 1, 1988	Journals	-	
JAPAN ELECTRONICS	Summaries of current Japanese research information on circuits, sensors, superconducting materials, acoustic devices, etc.	University Microfilms, Inc.	TK 1 .J36
v. 1, 1988	Journals	-	
JAPAN ENERGY	Summaries of current Japanese research information on geophysics, nuclear power plants, energy conservation, superconductivity, etc.	University Microfilms, Inc.	HD 9502 .J36
v. 1, 1988	Journals	-	
JAPAN MANUFACTURING	Summaries of current Japanese research information on inventory control, production management, machinery, heat transfer, etc.	University Microfilms, Inc.	TS 183 .J36
v. 1, 1988	Journals	-	
JAPAN MATERIALS	Summaries of current Japanese research on composites, metallurgy, powder technology, ceramics, textiles, etc.	University Microfilms, Inc.	TA 401 .J355
v. 1, 1988	Journals	-	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
JAPANESE TECHNICAL ABSTRACTS	Japanese literature in the areas of technology, applied sciences, engineering, and business management	Japanese Technical Information Service, University Microfilms Inc.	T 1 .J32
v. 1, 1986-v. 2, 1987	Journals	-	
JOURNAL OF CURRENT LASER ABSTRACTS	International comprehensive coverage on laser theory, design, and application	Pennwell Pub. Co.	TK 7871.3 .J65
v. 1, 1964-	Journals, Proceedings, Reports, Patents, Dissertations, Books	-	
JOURNAL OF ECONOMIC LITERATURE	Literature on economic subjects in English language journals	American Economic Association	HB 1 .J6 (M-Earlier Years)
v. 1, 1963-	Book Reviews, Journals	JOURNAL OF ECONOMIC LITERATURE	
LIBRARY AND INFORMATION SCIENCE ABSTRACTS (LISA)	International literature of library and information science	Library Association Pub. (U.K.)	Z 671 .L617
1969-	Journals	LISA	
LIBRARY LITERATURE	Author and subject index to materials on library and information science	H. W. Wilson Co.	Z 666 .S211
1921-1986	Journals, Books, Pamphlets, Films, Theses	-	
MATHEMATICAL REVIEWS	International coverage and reviews of the literature of mathematics	American Mathematical Society	QA 1 .M76
v. 1, 1940-	Journals, Books, Proceedings	MATHSCI	
MEASUREMENTS IN PHYSICS	International literature in the fields of measurement and metrology	The Institution of Electrical Engineers/Institute of Electrical and Electronics Engineers, Inc.	QC 39 .P5
1976-1989	Journals	-	
METAL FINISHING ABSTRACTS	International literature of metal finishing including extensive patent information	Finishing Publications Ltd. (U.K.)	TS 550 .M32
v. 1, 1959-v. 27, 1985	Journals, Patents, Books, Reports	-	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
METALLURGICAL ABSTRACTS  v. 1, 1934-v. 32, 1965; v. 1, 1966-v. 2, 1967	International literature covering the whole field of metallurgy  Journals, Reports	The Metals and Metallurgy Trust (U.K.)  -	TN 1 .I58
METALS ABSTRACTS  v. 1, 1968-	Worldwide comprehensive literature on metallurgy  Journals, Books, Reports, Proceedings, Dissertations, Patents	The Institute of Metals (U.K.)/ ASM International  METADEX	TN 1 .M5153
METROLOGY DATA BANK INDEX  1976-1984	Index to government and industry data in metrology which is essential in research, design, development, production and operational phases of the life cycle of systems and equipment  Reports, Technical Data	Government Industry Data Exchange Program (GIDEP)  GIDEP	QC 100.5 .U5
MICROCOMPUTER INDEX  v. 1, 1980-	A subject index to articles in microcomputer magazines  Journals	Learned Information, Inc.  MICROCOMPUTER INDEX	QA 76.5 .M5218
MONTHLY CATALOG OF UNITED STATES GOVERNMENT PUBLICATIONS  1895-	Publication listings of U.S. Government agencies  Reports, Books, Serials	U.S. Government Printing Office (GPO)  MONTHLY CATALOG	Z 1223 .A18 (M-Earlier years)
MÖSSBAUER SPECTROSCOPY ABSTRACTS  v. 2, 1979-v. 7, 1984	International literature concerning Mössbauer spectroscopy  Journals, Proceedings, Reports	PRM Science and Technology Agency Ltd. (U.K.)  -	QC 491 .M63
NASA SCIENTIFIC AND TECHNICAL PUBLICATIONS  1977-1986	Catalog of NASA special publications, reference publications, conference publications, and technical papers  Reports, Proceedings	National Aeronautics and Space Administration, Scientific and Technical Information Division  NASA/RECON	TL 521.312 .N3

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
NUCLEAR SCIENCE ABSTRACTS v. 1, 1948-v. 33, 1976	Worldwide comprehensive literature of nuclear science  Reports, Books, Proceedings, Patents, Journals	U.S. Department of Energy  NUCLEAR SCIENCE ABSTRACTS	QC 770 .U64
OR/MS OPERATIONS RESEARCH/MANAGEMENT SCIENCE v. 9, 1969-v. 29, 1989	International literature of operation research and management science  Journals	Executive Sciences Institute, Inc.  -	HD 20 .06
PHOTOGRAPHIC ABSTRACTS v. 1, 1921-1987	Abstracts of the world literature of the science, technology and applications of photography  Journals, Patents	The Royal Photographic Society of Great Britain/Pergamon Press  PHOTOGRAPHIC ABSTRACTS	TR 1 .P4
PHYSICS ABSTRACTS (Science Abstracts Series A) v. 1, 1898-	International literature covering the entire field of physics  Journals, Reports, Books, Dissertations, Patents, Proceedings	INSPEC, Institution of Electrical Engineers (U.K.)/Institute of Electrical and Electronics Engineers, Inc.  INSPEC	Q 1 .S311
PHYSICS BRIEFS; PHYSIKALISCHE BERICHTE v. 1, 1920-v. 5, 1983	Worldwide literature covering all fields of physics and related topics  Journals, Books, Patents, Reports, Theses, Proceedings	Physik Verlag GmbH (West Germany)  PHYSICS BRIEFS	QC 1 .P68
POLISH TECHNICAL AND ECONOMIC ABSTRACTS 1984-1987	Index to the scientific and technical literature of Poland  Journals, Books, Reports	Center for Scientific, Technical and Economic Information (Poland)  -	T 4 .P5
PUBLIC AFFAIRS INFORMATION SERVICE (PAIS) BULLETIN v. 55, 1969-	Worldwide literature related to economic and social conditions, public administration and international relations  Books, Pamphlets, Government Publications, Reports, Journals	Public Affairs Information Service (PAIS), Inc.  PAIS	Z 7163 .P9

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
PUBLICATIONS OF THE NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY	A comprehensive listing of technical publications by the U.S. National Institute of Standards and Technology	U.S. National Institute of Standards and Technology/GPO	QC 100 .U57 SP305 NIST
1901-	Reports, Journals, Proceedings, Patents	-	
RAPRA ABSTRACTS	World's literature in rubber, plastics, and associated fields	Rubber and Plastics Research Association of Great Britain	TS 1870 .R61
v. 2, 1924-v. 19, 1982	Journals, Patents	RAPRA ABSTRACTS	
READERS' GUIDE TO PERIODICAL LITERATURE	Cumulative author-subject index to periodicals of general interest covering a wide variety of general subjects	H. W. Wilson Co.	AI 3 .R4
v. 29, 1969-	Periodicals	-	
REFERATIVNYI ZHURNAL: FIZIKA	World's literature in physics	Akademiya Nauk SSSR, (U.S.S.R)	QC 1 .A419
1960-	Journals, Books, Patents	-	
REFERATIVNYI ZHURNAL: MATEMATIKA	World's literature in mathematics	Akademiya Nauk SSR, (U.S.S.R)	QA 1 .A373
1966-	Journals, Books, Patents	-	
REFERATIVNYI ZHURNAL: MEKHANIKA	World's literature in mechanics	Akademiya Nauk SSSR, (U.S.S.R)	QC 1 .A41
1956-	Journals, Books, Patents	-	
REFERATIVNYI ZHURNAL: METALLURGIYA	World's literature in metals	Vsesoyuznyi Institut Nauchno-Tekhnicheskoi Informatsii	TN 1 .R4
1984-1987	Journals, Books, Patents	-	
REFERENCE SOURCES	Comprehensive guide to reference materials	Pierian Press	Z 1035.1 .R4
v. 1, 1977-v. 7, 1983	Books	-	
RELIABILITY--MAINTAINABILITY DATA INTERCHANGE	Reliability and maintainability data on parts, components, assemblies, equipment, etc.	Government Industry Data Exchange Program (GIDEP)	TS 173 .R45
1978-	Reports, Technical Data	GIDEP	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
REVIEWS IN COMPLEX ANALYSIS	Reviews on complex analysis which appear in MATHEMATICAL REVIEWS	American Mathematical Society	QA 1 .M761
1980-1986	Journals	MATHSCI	
RHEOLOGY ABSTRACTS	Worldwide literature in the science and practice of rheology	British Society of Rheology/ Pergamon Press	QC 189 .R53
v. 1, 1958-	Journals	-	
ROBOTICS ABSTRACTS	Literature on robot research, design and application in industrial and non-industrial settings	Bowker A&I Pub.	TS 191.8 .R55
v. 1, 1983-v. 7, 1989	Journals	-	
ROBOTICS TECHNOLOGY ABSTRACTS	Worldwide literature on the manufacture and use of robots	Cranfield Press (U.K.)	TS 191.8 .R64
v. 3, 1984-v. 6, 1987	Journals, Reports, Patents, Proceedings	-	
ROYAL SOCIETY OF LONDON. CATALOGUE OF SCIENTIFIC PAPERS	Standard index to nineteenth century scientific papers	Her Majesty's Stationery Office (HMSO) (U.K.)	Z 7403 .R88
v. 1, 1867-v. 19, 1925	Journals, Transactions	-	
SAFETY SCIENCE ABSTRACTS	International literature devoted to identifying, evaluating, and eliminating or controlling hazards	The Institute of Safety and Systems Management/ Cambridge Scientific Abstracts	T 55 .A1S3
v. 1, 1973-v. 9, 1982	Journals, Reports, Proceedings, Books, Dissertations, Patents	SAFETY	
SCIENCE CITATION INDEX	International interdisciplinary index to the literature of chemistry, physics, medicine, agriculture, technology, etc.	Institute for Scientific Information (ISI)	Z 7401 .S365
1945-	Journals	SCISEARCH	
SCIENTIFIC AND TECHNICAL AEROSPACE REPORTS	Comprehensive worldwide literature on the science and technology of space and aeronautics	U.S. National Aeronautics and Space Administration (NASA)	TL 787 .U51
v. 1, 1963-v. 27, 1989	Reports, Patents, Dissertations	AEROSPACE DATABASE; NASA/RECON	

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
SELECTED WATER RESOURCES ABSTRACTS  v. 2, 1969-v. 9, 1976	Literature on the conservation, control, use and management of water  Books, Journals, Reports	Water Resources Scientific Information Center, U.S. Dept. of the Interior  WATER RESOURCES ABSTRACTS	TD 201 .S4
SEVENTY-SEVEN YEAR INDEX-TECHNICAL PAPERS (AMERICAN SOCIETY OF MECHANICAL ENGINEERS)  1880-1956	Index to the publications of the American Society of Mechanical Engineers  Journals	American Society of Mechanical Engineers  -	TJ 1 .A774
SOLID STATE ABSTRACTS JOURNAL  v. 1, 1957-v. 9, 1968	Comprehensive coverage of the world literature on the theory, production, and use of solid state materials and devices  Journals, Books, Reports, Patents, Dissertations, Proceedings	Cambridge Communication Corp.  -	TK 7800 .S42
STATISTICAL REFERENCE INDEX (SRI)  v. 1, 1980-v. 10, 1989	Index and abstracts to American statistical publications from private organizations and state government sources  Directories, Statistical Publications	Congressional Information Service (CIS)  -	HA 195 .S75
STATISTICAL THEORY AND METHOD ABSTRACTS  v. 1, 1959-	International literature of statistical mathematics  Journals, Reports, Proceedings	International Statistical Institute  -	HA 1 .S764
STEELS ALERT  v. 1, 1983-v. 7, 1989	International literature on developments in the steel industry  Journals	Metals Information  -	TN 1 .M51531
SURFACE TREATMENT TECHNOLOGY ABSTRACTS  v. 28, 1986-	International literature of metal finishing, surface-treatment, printed circuits and electronics coatings  Journals, Patents, Books, Reports	Finishing Publications Ltd. (U.K.)  -	TP 155.7 .S83

ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
TECHNICAL BOOK REVIEW INDEX	A monthly index to book reviews of new technical, scientific and medical books covering all fields of the pure sciences, life sciences, medicine, and technology	JAAD Pub. Co.	Z 7913 .T36
v. 1, 1935-v. 54, 1988	Reviews	-	
TECHNICAL TRANSLATIONS	Listing of English translations of scientific and technical literature prepared by government and private sources	Clearinghouse for Federal, Scientific and Technical Information (NTIS)	Z 7401 .T712
v. 1, 1959-v. 18, 1967	Journals	-	
THEORETICAL CHEMICAL ENGINEERING ABSTRACTS	Listing of abstracts in the chemical engineering literature	The Royal Society of Chemistry (U.K.)	TP 1 .T47
v. 1, 1964-	Journals, Reports, Books	-	
TRANSLATIONS INDEX (AMERICAN SOCIETY FOR METALS)	Translations into English of technical papers on metals and materials	American Society for Metals	QD 171 .A6
v. 1, 1977-	Journals	-	
TRANSLATIONS REGISTER INDEX	Listing of unpublished translations into English from the world literature of the natural, physical, medical, and social sciences	National Translations Center	Z 7401 .T7
v. 1, 1967-v. 20, 1986	Journals	-	
U.S. NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS. LISTS OF ITS TECHNICAL MEMORANDA, TECHNICAL NOTES, AND WAR TIME REPORTS	List of reports published by NACA (U.S. National Advisory Committee for Aeronautics)	National Advisory Committee for Aeronautics	TL 787 .U51
v. 1, 1936-v. 2, 1948	Reports	-	
U.S. NATIONAL AERONAUTICS AND SPACE ADMINISTRATION. INDEX OF NASA TECHNICAL PUBLICATIONS	Listing of unclassified NASA/NACA technical publications	U.S. National Aeronautics and Space Administration (NASA)	Z 5063 .U592
1915-1961	Reports	-	

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WORLD CERAMIC ABSTRACTS 1978-	International literature of ceramics  Patents, Journals	Pergamon Press  -	TP 785 .W67
WORLD SURFACE COATINGS ABSTRACTS v. 42, 1969-	International literature on paints, varnishes and allied industries  Reports, Patents, Standards, Journals	Paint Research Association (U.K.)/Pergamon Press  WORLD SURFACE COATINGS ABSTRACTS	TP 934 .R4
WORLD TEXTILE ABSTRACTS v. 1, 1969-	Worldwide literature of textiles and the textile industry  Journals, Proceedings, Patents, Standards, Books, Reports	Shirley Institute (U.K.)  WORLD TEXTILES	TS 1300 .W6
WORLD TRANSINDEX 1967-1982	Translations of literature relating to all fields of science and technology  Journals	International Translations Centre (The Netherlands)/British Lending Library  -	Z 7401 .W62
WORLD TRANSLATIONS INDEX v. 1, 1987-	Translations in all fields of science and technology  Journals	International Translations Centre/National Translations Center  -	Z 7401 .W63
X-RAY FLUORESCENCE SPECTROMETRY ABSTRACTS v. 1, 1970-v. 15, 1984	International literature on all aspects of x-ray fluorescence spectrometry  Journals, Proceedings, Unpublished Reports	PRM Science and Technology Agency Ltd. (U.K.)  -	QD 95 .X2
ZENTRALBLATT FÜR MATHEMATIK UND IHRE GRENZGEBIETE: MATHEMATICS ABSTRACTS v. 1, 1931-v. 358, 1978	Worldwide literature in mathematics  Books, Journals, Proceedings	Springer Verlag  MATH	QA 1 .Z5

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ABSTRACT/INDEX HOLDINGS	DESCRIPTION/SOURCES	PUBLISHER/ASSOCIATION DATA BASE	CALL NUMBER
BRITISH ABSTRACTS SERIES A, B, C 1926-1953	International literature of all aspects of chemistry  Journals, Proceedings	Bureau of Abstracts (U.K.)  -	QD 1 .B68 NCC
CUMULATIVE BOOK INDEX 1938-1983	A comprehensive world list of books in the English language  Books	H. W. Wilson Co.  -	CT 100 .C8 NCC
INTERNATIONAL CATALOGUE OF SCIENTIFIC LITERATURE 1901-1914	International literature of all sciences  Journals	Royal Society of London  -	Z 7401 .I62 NCC
JAHRBUCH ÜBER DIE FORTSCHRITTE DER MATHEMATIK v. 1, 1868-v. 68, 1942	Worldwide literature of mathematics  Journals, Books	de Gruyter (Germany)  -	QA 1 .J4 NCC
NATIONAL UNION CATALOG 1898-	A listing of works cataloged by the Library of Congress and by the libraries contributing to its cooperation cataloging program  Books, Reports, Journals, Maps, Serials	Library of Congress  LC MARC	Z 881 .A1U372 NCC (M-Later years)

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Aerospace and Aeronautical Engineering	EI Engineering Conference Index Engineering Index Government Reports Announcements and Index International Aerospace Abstracts NASA Scientific and Technical Publications Science Citation Index Scientific and Technical Aerospace Reports U.S. National Advisory Committee for Aeronautics. Lists of its Technical Memoranda, Technical Notes, and War Time Reports U.S. National Aeronautics and Space Administration: Index of NASA Technical Publications
Agriculture and Agricultural Engineering	Chemical Abstracts EI Engineering Conference Index Engineering Index Government Reports Announcements and Index Science Citation Index Selected Water Resources Abstracts
Architecture and Design	EI Engineering Conference Index Engineering Index
Biography	Biography Index
Biotechnology	Biotechnology Research Abstracts
Building and Construction	American Concrete Institute 55-year Index Building Science Abstracts Concrete Abstracts Cumulative Index to ASCE Publications EI Engineering Conference Index Engineering Index
Business, Economics, Management	Business Periodicals Index Journal of Economic Literature OR/MS Operations Research/Management Science Public Affairs Information Service Bulletin
Ceramics	British Ceramic Abstracts Ceramic Abstracts Japan Materials World Ceramic Abstracts
Chemistry and Chemical Engineering	Abstract Bulletin of the Institute of Paper Science and Technology Analytical Abstracts BNF Non-Ferrous Metals Abstracts British Abstracts, Series A, B, C (NCC) British Ceramic Abstracts

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### Consumer Information

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Electronics and Electrical Engineering	EI Engineering Conference Index Electrical and Electronics Abstracts Electroanalytical Abstracts Electronic Instrumentation Electronics and Communications Abstracts Engineering Index Government Reports Announcements and Index Japan Electronics Science Citation Index Solid State Abstracts Journal Surface Treatment Technology Abstracts
Energy	Chemical Abstracts China Science and Technology Abstracts Series II Energy Research Abstracts Government Reports Announcements and Index Japan Energy Nuclear Science Abstracts Science Citation Index
Environment	Chemical Abstracts Engineering Index Science Citation Index Selected Water Resources Abstracts
Government Reports	American Statistics Index Energy Research Abstracts Government Reports Announcements and Index Monthly Catalog of United States Government Publications NASA Scientific and Technical Publications Publications of the National Institute of Standards and Technology Scientific and Technical Aerospace Reports U.S. National Advisory Committee for Aeronautics. Lists of its Technical Memoranda, Technical Notes, and War Time Reports U.S. National Aeronautics and Space Administration. Index of NASA Technical Publications
Information Science	Information Science Abstracts Library and Information Science Abstracts Library Literature National Union Catalog (NCC)

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Textile Industry

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Translations

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## FORMER TITLE/DATA BASE NAME INDEX

Former or Related Title/Data Base Name	See	Current Title
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ASM Translation Index		Translations Index
Abstracts of Declassified Documents		Nuclear Science Abstracts
Aerospace Database		International Aerospace Abstracts Scientific and Technical Aerospace Reports
American Ceramic Abstracts		Ceramics Abstracts
Atomic Absorption and Flame Emission Spectroscopy Abstracts		Atomic Absorption and Emission Spectrometry Abstracts
British Abstracts		Analytical Abstracts
British Non-Ferrous Metals Research Assn. Bull.		BNF Non-Ferrous Metals Abstracts
British Technology Index		Current Technology Index
CARI		CA Reviews Index
CBI		Cumulative Book Index
CSIRO Science Index		CSIRO Abstracts
Channel		Civil Engineering Hydraulics Abstracts
Chemical Abstracts Reviews Index		CA Reviews Index
COMPENDEX		EI Engineering Conference Index Engineering Index
Current Physics Microform		Current Physics Index
DOE Energy		Energy Research Abstracts
Documentation Abstracts		Information Science Abstracts
Electrical Measurement and Instrumentation		Electronic Instrumentation
Finishing Abstracts		Metal Finishing Abstracts
FLUIDEX		Civil Engineering Hydraulics Abstracts
GIDEP		Engineering Data Bank Abstracts of Reports Failure Experience Data Index Metrology Data Bank Index Reliability-Maintainability Data Interchange
ISTP		Index to Scientific and Technical Proceedings
Industrial Arts Index		Applied Science and Technology Index

# FORMER TITLE/DATA BASE NAME INDEX

Former or Related Title/Data Base Name	See	Current Title
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Institute of Petroleum Abstracts		International Petroleum Abstracts
Japan Technology		Japanese Technical Abstracts
Library Science Abstracts		Library and Information Science Abstracts
LISA		Library and Information Science Abstracts
MATH		Zentralblatt für Mathematik und ihre Grenzgebiete: Mathematics Abstracts
MATHSCI		ACM Guide to Computing Literature Current Index to Statistics Index of Mathematical Papers Index to Statistics and Probability Mathematical Reviews Reviews in Complex Analysis
METADEX		Metals Abstracts
Metron		Electronic Instrumentation Measurements in Physics
NASA/RECON		Scientific and Technical Aerospace Reports
Non-Ferrous Metals Abstracts		BNF Non-Ferrous Metals Abstracts
NTIS		Government Reports Announcements and Index
PAIS		Public Affairs Information Service Bulletin
PAIS Bulletin		Public Affairs Information Service Bulletin
PAPERCHEM		Abstract Bulletin of the Institute of Paper Science and Technology
Physical Measurements and Instrumentation		Measurements in Physics
Physikalische Berichte		Physics Briefs; Physikalische Berichte
Referativnyi Zhurnal; Korrozerja i Zashchita ot Kovrozu		Corrosion Control Abstracts (Translation)
SRI		Statistical Reference Index
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SPIN		Current Physics Index
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